



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In application of: Liang et al.

Application No. 10/826,971

Filed: April 15, 2004

Confirmation No. 1184

For: MULTI-LAYER RUN LEVEL ENCODING
AND DECODING

Examiner:

Art Unit: 2819

Attorney Reference No. 3382-67641-01

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Attorney or Agent
for Applicants

Date Mailed

[Signature]
September 6, 2006

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PURSUANT TO 37 C.F.R. § 1.97(b)(3)**

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Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

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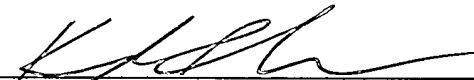
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The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

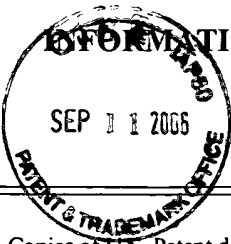
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	3382-67641-01
Application Number	10/826,971
Filing Date	April 15, 2004
First Named Inventor	Liang
Art Unit	2819
Examiner Name	

U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		4,792,981	12.20.1988	Cahill et al.
		5,493,407	2.20.1996	Takahara
		5,533,140	7.2.1996	Sirat et al.
		5,974,184	10.26.1999	Eifrig et al.
		6,049,630	4.11.2000	Wang et al.
		6,054,943	4.25.2000	Lawrence
		6,078,691	6.20.2000	Luttmer
		6,493,385	12.10.2002	Sekiguchi et al.
		6,542,631	4.1.2003	Ishikawa
		6,795,584	9.21.2004	Karczewicz et al.

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
		Europe	EP 1 142 130	4.23.2003	Chen et al.
		Europe	EP 1 142 129	6.16.2004	Chen et al.

OTHER DOCUMENTS

Examiner's Initials*	Cite No. (optional)	
		Gill et al., "Creating High-Quality Content with Microsoft Windows Media Encoder 7," 4 pp. (2000) [Downloaded from the World Wide Web on May 1, 2002].

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket Number	3382-67641-01
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Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
		Ishii et al., "Parallel Variable Length Decoding with Inverse Quantization for Software MPEG-2 Decoders," IEEE Signal Processing Systems, pp. 500-509 (1997).
		Jeong et al., "Adaptive Huffman Coding of 2-D DCT Coefficients for Image Sequence Compression," <i>Signal Processing: Image Communication</i> , Vol. 7, 11 pp. (1995).
		Joint Video Team (JVT) of ISO/IEC MPEG & ITU-T VCEG, "Joint Final Committee Draft (JFCD) of Joint Video Specification," JVT-D157, 207 pp. (August 2002).
		Sullivan et al., "The H.264/AVC Advanced Video Coding Standard: Overview and Introduction to the Fidelity Range Extensions," 21 pp. (August 2004).
		Tu et al., "Context-Based Entropy Coding of Block Transform Coefficients for Image Compression," <i>IEEE Transactions on Image Processing</i> , Vol. 11, No. 11, pp. 1271-1283 (November 2002).

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